INTERNATIONAL SEARCH REPORT

Interponal Application No PCT/EP2004/012763

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C10G1/00 C10G67/04							
A coording to	International Patent Classification (IPC) or to both national classification	on and IPC					
Minimum do	SEARCHED cumentation searched (classification system followed by classification	symbols)					
IPC 7							
Documentati	ion searched other than minimum documentation to the extent that suc	ch documents are included in the fields sea	arched				
Electronic da	ata base consulted during the international search (name of data base	and, where practical, search terms used)					
EPO-Ini							
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with indication, where appropriate, of the relevant	vant passages	Relevant to claim No.				
Α	US 4 354 922 A (DERBYSHIRE ET AL) 19 October 1982 (1982-10-19) claims; figure 1		1-52				
Α	US 4 431 510 A (GATSIS JOHN G) 14 February 1984 (1984–02–14)		1-8,10, 11, 14-16, 23,31, 32,38-41				
	claims 1,6,12,16,18,19,26 column 3, line 33 - line 37 column 4, line 60 - line 63 column 5, line 7 - line 10 column 6, line 2 - line 45						
Furl	ther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.				
° Special categories of cited documents: "T" later document published after the international filling date							
"A" docum	ent defining the general state of the art which is not	or priority date and not in conflict with cited to understand the principle or th	the application but				
	dered to be of particular relevance document but published on or after the international	invention *X* document of particular relevance; the	claimed invention				
filing	date	cannot be considered novel or canno involve an inventive step when the do	t be considered to				
l which	ent which may throw doubts on priority claim(s) or n is cited to establish the publication date of another on or other special reason (as specified)	"Y" document of particular relevance; the cannot be considered to involve an in	claimed invention				
O docum	nent referring to an oral disclosure, use, exhibition or	document is combined with one or ments, such combination being obvious	ore other such docu-				
P docum	means nent published prior to the international filing date but than the priority date claimed	in the art. *&* document member of the same patent					
L	e actual completion of the international search	Date of mailing of the international sea					
1	10 March 2005	17/03/2005					
Name and	mailing address of the ISA	Authorized officer					
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	 Bertin-van Bommel	i, S				

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iformation on patent family members

Internal Application No PC1/EP2004/012763

	Patent document cited in search report		Publication date	Patent family member(s)	Publication date
U	S 4354922	Α	19-10-1982	NONE	
u	S 4431510	Α	14-02-1984	NONE	